

10/566674

IAP20 Rec'd PCT/PTO 01 FEB 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Noriko SUGIMOTO et al. : **Mail Stop: PCT**
Serial No. NEW : **Attorney Docket No. 2006_0053A**
Filed February 1, 2006 :
PROGRAM RECOMMENDATION : **THE COMMISSIONER IS AUTHORIZED**
APPARATUS : **TO CHARGE ANY DEFICIENCY IN THE**
[Corresponding to PCT/JP2004/011283 **FEES FOR THIS PAPER TO DEPOSIT**
Filed July 30, 2004] **ACCOUNT NO. 23-0975**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

ATTACHMENT D

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, or
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

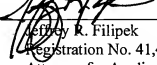
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ an International Search Report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

JP 2002-112142 corresponds to US 2002/0038457
JP 2003-114903 corresponds to US 2003/0088871
JP 2002-142160 corresponds to US 2004/0083490
JP 2002-259392 corresponds to US 2002/0133815

5. ☒ an International Search Report citing one or more of the references is enclosed.

07/01/2008
Respectfully submitted,

Noriko SUGIMOTO et al.

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February 1, 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 1, 2006

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2006_0053ASERIAL NO.
NEW

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APPLICANT
Noriko SUGIMOTO et al.

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FILING DATE
February 1, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/C.S./	AA	2002/0038457	3-28-02	Numata et al.			
/C.S./	AB	2003/0088871	5-8-03	Kimura			
/C.S./	AC	2004/0083490	4-29-04	Hane			
/C.S./	AD	2002/0133815	9-19-02	Mizutome et al.			
	AC						
	AF						
	AC						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/C.S./	AJ	2003-163847	6-6-03	Japan			abstract
/C.S./	AK	10-294904	11-4-98	Japan			abstract
/C.S./	AF	2003-204565	7-18-03	Japan			abstract
/C.S./	AM	2002-112142	4-12-02	Japan			corresponds to AA
/C.S./	AN	2001-16520	1-19-01	Japan			abstract
/C.S./	AO	2003-114903	4-18-03	Japan			corresponds to AB
/C.S./	AP	2002-142160	5-17-02	Japan			corresponds to AD
/C.S./	AO	2002-259392	9-13-02	Japan			corresponds to AD

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AR

EXAMINER

/Cheneva Smith/

DATE CONSIDERED

07/01/2008